

WHAT IS CLAIMED IS:

1. A power transmission system of an engine for transmitting engine power to a driving wheel, the power transmission system comprising:

5 a crankshaft driven by an engine, said crankshaft being arranged in a vehicle body in a widthwise direction of the vehicle body;

a primary shaft which is provided with a primary pulley having a variable groove width and to which the rotation of
10 said crankshaft is applied;

a secondary shaft provided with a secondary pulley, said secondary pulley being coupled to said primary pulley via a belt and having a variable groove width;

an output shaft arranged in parallel to said secondary
15 shaft and coupled to said secondary shaft via a forward/backward switching mechanism; and

an axle coupled to said output shaft via a gear train and coupled to said driving wheel;

wherein the engine power is transmitted to said axle
20 from said output shaft parallel to said axle.

2. The power transmission system of an engine according to claim 1, further comprising a sub-shaft which is arranged parallel to said crankshaft and to which the rotation of said
25 crankshaft is transmitted via a rotation transmitting member, wherein said primary shaft is concentrically arranged on said sub-shaft.

3. The power transmission system of an engine according to claim 1, wherein said driving wheel is a rear wheel.

4. The power transmission system of an engine according to claim 2, wherein said driving wheel is a rear wheel.

5. The power transmission system of an engine according to claim 1, further comprising a front wheel driving shaft coupled to said axle via a gear train, wherein said front wheel driving shaft is coupled to said front wheel.

6. The power transmission system of an engine according to claim 2, further comprising a front wheel driving shaft coupled to said axle via a gear train, wherein said front wheel driving shaft is coupled to said front wheel.

7. The power transmission system of an engine according to claim 3, further comprising a front wheel driving shaft coupled to said axle via a gear train, wherein said front wheel driving shaft is coupled to said front wheel.

8. The power transmission system of an engine according to claim 4, further comprising a front wheel driving shaft coupled to said axle via a gear train, wherein said front wheel driving shaft is coupled to said front wheel.